

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 7

Application Number	09/873,571
Filing Date	June 4, 2001
First Named Inventor	Gene W. Kammerer
Group Art Unit	3736.
Examiner Name	Lacyk, John P.
Attorney Docket Number	GYN0090

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		3182682		Shirodkar	05-11-1965	
		3212502		Myers	10-19-1965	
		3311110		Singerman	03-28-1967	
		3372695		Belliveau, et al.	03-12-1968	
		3472232		Earl	10-14-1969	
		3608095		Barry	09-28-1971	
		3763860		Clarke	10-09-1973	
		3858783		Kapitanov, et al.	01-07-1975	
		3924633		Cook, et al.	12-09-1975	
		4037603		Wendorff	07-26-1977	
[Signature]		4128100		Wendorff	12-05-1978	
		4235238		Oglu et al.	11-25-1980	

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
[Signature]		AU	278089	B	Ethicon, Inc.	06-03-1965		X
		AU	441561	B	Ethicon, Inc.	01-06-1972		X
		DE	4334419	A1	Univ. of Freiburg Klinikum	04-13-1995	English Abstract	
		EP	0598976	B1	American Cyanamid Co.	06-01-1994		X
		EP	0941712	A1	Gö-Vernet Vila	09-15-1999		X
		EP	1025811	A2	Medtronic Inc.	08-09-2000		X
[Signature]		SE	503271	C2	Mediscand AB	04-29-1996	See WO96/06567	

Examiner  
Signature

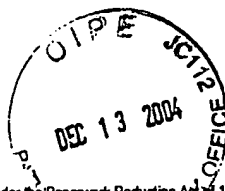
Date  
Considered

9/26/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/US 08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 7

Application Number	09/873,571
Filing Date	June 4, 2001
First Named Inventor	Gene W. Kammerer
Group Art Unit	3736
Examiner Name	Lacyk, John P.
Attorney Docket Number	GYN0090

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		4392495		Bayers	07-12-1983	
		4441497		Paudler	04-10-1984	
		4508516		Richmond	04-09-1985	
		4549545		Levy	10-29-1985	
		4946467		Ohl, et al.	08-07-1990	
		5013292		Lemay	05-07-1991	
		5032508		Naughton, et al.	07-16-1991	
		5080667		Chen, et al.	01-14-1992	
		5180385		Sontag	01-19-1993	
		5250033		Evans, et al.	10-05-1993	
[Signature]		5281237		Gimpelson	01-25-1994	
		5368595		Lewis	11-29-1994	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
[Signature]		WO	0238079	A2	Ethicon GmbH	05-16-2002		X
		WO	9003766	A1	Petros	04-19-1990		X
		WO	9606567	A1	Mediscand AB	03-0-1996		X
		WO	9713465	A1	Mediscand Medical	04-17-1997		X
		WO	9831301	A1	Lenadora	07-23-1998		X
[Signature]		DE	10103179	A1	Sofradim Production	07-26-2001		X
		DE	4220263	A1	Singer Spezialhandelfab	12-23-1993		X

Examiner  
Signature

Date

Considered

9/26/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 7

Application Number	09/873,571
Filing Date	June 4, 2001
First Named Inventor	Gene W. Kammerer
Group Art Unit	3736
Examiner Name	Lacyk, John P.
Attorney Docket Number	GYN0090

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
sh		5368756		Vogel, et al.	11-29-1994	
		5382257		Lewis, et al.	01-17-1995	
		5383904		Totakura, et al.	01-24-1995	
		5403328		Shalman	04-04-1995	
		5450860		O'Connor	09-19-1995	
		5507796		Hasson	04-16-1996	
		5582188		Benderav	12-10-1996	
		5611515		Benderav, et al.	03-18-1997	
		5628756		Barker, Jr., et al.	05-13-1997	
		5645568		Chervitz, et al.	07-08-1997	
sh		5741299		Rudt	04-21-1998	
		5816258		Jervis	10-06-1998	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	Y <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
sh		WO	02/28312	A	Sofradim Production	04-11-2002	English Abstract	
		WO	2004/012628	A1	Fin Med S.A.S. Di Grondelli & Co.	02-12-2004		X
		WO	01/06951	A1	Angiologiva B.M.S.R.L.	02-01-2001		X
		EP	0 774 240	A1	Ethicon, Inc.	05-21-1997		X
		EP	0668 056	A1	Smith & Nephew Dyonics Inc.	08-23-1995		X
sh		DE	32 23 153	C	B. Braun Melsungen AG	08-11-1983	English Abstract	

Examiner Signature		Date Considered	9/26/05
-----------------------	--	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 7

Application Number	09/873,571
Filing Date	June 4, 2001
First Named Inventor	Gene W. Kammerer
Group Art Unit	3736
Examiner Name	Lacyk, John P.
Attorney Docket Number	GYN0090

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		5836315		Benderav, et al.	11-17-1998	
		5840011		Landgrebe, et al.	11-24-1998	
		5855549		Newman	01-05-1999	
		5860425		Benderav, et al.	01-19-1999	
		5935122		Fourkas, et al.	09-10-1999	
		5945122		Abra, et al.	08-31-1999	
		5997554		Thompson	12-07-1999	
		6110101		Tihon, et al.	08-29-2000	
		6117067		Gil-Vernet	09-12-2000	
		6221005		Bruckner, et al.	04-24-2001	
[Signature]		6306079		Trabucco	10-23-2001	
		6334448		Beyar	01-01-2002	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

Examiner  
Signature

[Signature]

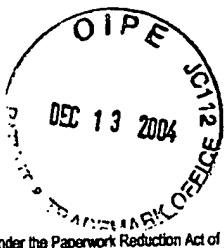
Date  
Considered

[Signature]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) <b>Sheet 5 of 7</b>	<b>Application Number</b>	09/873,571
	<b>Filing Date</b>	June 4, 2001
	<b>First Named Inventor</b>	Gene W. Kammerer
	<b>Group Art Unit</b>	3736
	<b>Examiner Name</b>	Lacyk, John P.
	<b>Attorney Docket Number</b>	GYN0090

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		6382214		Raz, et al.	05-07-2002	
		6475139		Miller	11-05-2002	
		6491703		Ulmsten	10-10-2002	
		2001/0018549		Scetbon	08-30-2001	
		2001/0049467		Lehe, et al.	12-06-2001	
		2002/0028980		Thierfelder, et al.	03-07-2002	
		2002/0058959		Gellman	05-16-2002	
		2002/0077526		Kammerer, et al.	06-20-2002	
		2002/018869		Kammerer, et al.	12-12-2002	
		2003/0023138		Luscombe	01-30-2003	
[Signature]		2003/0149440		Kammerer, et al.	08-07-2003	
		2003/0176762	A1	Kammerer	09-18-2003	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

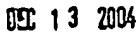
Examiner Signature	[Signature]	Date Considered	[Signature]
-----------------------	-------------	--------------------	-------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

(use as many sheets as necessary)

<b>Application Number</b>	09/873,571
<b>Filing Date</b>	June 4, 2001
<b>First Named Inventor</b>	Gene W. Kammerer
<b>Group Art Unit</b>	3736
<b>Examiner Name</b>	Lacyk, John P.
<b>Attorney Docket Number</b>	GYN0090

[illegible]

Examiner Signature		Date Considered	
-----------------------	---	--------------------	--

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<p>3 2004</p> <p><b>SUBMISSION UNDER MPEP 609 D</b></p> <p>Page 1 of 1</p>	<table border="1"> <tr> <td><b>Application Number</b></td> <td>09/873,571</td> </tr> <tr> <td><b>Filing Date</b></td> <td>June 4, 2001</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>Gene W. Kammerer</td> </tr> <tr> <td><b>Group Art Unit</b></td> <td>3736</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>John P. Lacyk</td> </tr> <tr> <td><b>Attorney Docket Number</b></td> <td>GYN0090</td> </tr> </table>	<b>Application Number</b>	09/873,571	<b>Filing Date</b>	June 4, 2001	<b>First Named Inventor</b>	Gene W. Kammerer	<b>Group Art Unit</b>	3736	<b>Examiner Name</b>	John P. Lacyk	<b>Attorney Docket Number</b>	GYN0090
<b>Application Number</b>	09/873,571												
<b>Filing Date</b>	June 4, 2001												
<b>First Named Inventor</b>	Gene W. Kammerer												
<b>Group Art Unit</b>	3736												
<b>Examiner Name</b>	John P. Lacyk												
<b>Attorney Docket Number</b>	GYN0090												

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	<i>2/2/05</i>
-----------------------	--------------------	--------------------	---------------